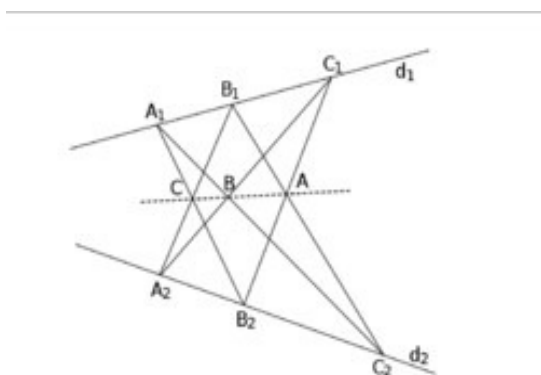


Lines and Line Segment Worksheet

Objective: Learn about lines, line segments and their labels.

1. Lines and Segments



a. There are a couple of lines in this picture. One of them is labeled d_1 .

What's the label of another one? _____

b. There are quite a few line segments. One example is the segment $A_1 B_1$.

Find at least two more line segments. _____

2. More segments.



In this STOP sign points A, B, C, D, E, F, G, and H were labeled.

Segment AB is the segment that runs right along the top of the STOP sign. It is one of 8 edges.

a. What segment runs along the bottom? (Bottom edge) _____

b. Name two more segments that form an edge of the STOP sign.

_____ and _____

Notice that segment AC does not follow along the outside of the STOP sign. It lies on the inside (also called the interior).

c. Name 3 more segments that lie on the interior of the sign.

_____ and _____ and _____

d. How many edges are there? _____

e. How many interior segments (also called diagonals) are there? You should draw the interior edges right on the STOP sign. _____